Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 07 Feb 2023 until 23:59 on Wednesday 08 Feb 2023

Forecast Issued on Tuesday 07 Feb 2023 at 02:45

Confidence: High for often dry conditions. Medium for cloud details.

Headline for Tuesday 07 Feb 2023: Low cloud leading to poor or very visibility at height.

Mountain weather hazards on Tuesday 07 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG			FOG	FOG
Fog	Fog	Cloudy	Cloudy	Fog	Fog
Precipitation probability					
20%	20%	20%	20%	20%	20%

Forecast for Tuesday 07 Feb 2023

Weather: Mainly dry but rather cloudy, although some light rain or drizzle possible at times.

Chance of cloud-free hill tops above 800m: Nil to 20%

Low cloud and visibility: Extensive cloud, base 300 to 600m, lowest and most extensive on west and southwest facing slopes. Visibility often poor or very poor at height, but moderate or good lower down.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 07 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	19/23 SW	18/21 S	17/21 SW	17/22 SW	16/19 SW	15/18 S	17/22 S
600	18/22 SW	15/19 SW	17/22 SW	16/21 SW	14/19 SW	13/17 S	16/23 S
300	4/14 SW	4/13 S	7/15 S	7/15 SW	6/14 SW	5/13 S	6/16 S
Valley	3/13 SW	3/12 S	5/11 S	5/13 SW	3/10 SW	4/11 S	6/15 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-4	2/-4	2/-4	2/-4	2/-4	1/-4	1/-5
600	4/-2	3/-2	3/-2	3/-2	3/-2	3/-2	2/-3
300	5/3	4/3	5/2	5/2	5/3	4/3	4/2
Valley	6/5	6/5	7/5	7/5	7/5	6/5	6/4
Freezing Level*	1200m	1200m	1200m	1200m	1200m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties expected at height.

Forecast for Wednesday 08 Feb 2023

Weather: Mostly cloudy with strengthening southwest winds, the cloud perhaps thinning and clearing at times over the highest summits like Helvellyn due to a temperature inversion. Outbreaks of rain in the evening, snow possible over the highest summits.

Maximum wind: Increasing Southwest 30mph gusts 45mph during the afternoon.

Chance of cloud-free hill tops above 800m: 50% in the afternoon, 20% or less early and late in the day.

Low cloud and visibility: Extensive, base 200 to 500m, early and late in the day, rising 600 to 900m in the afternoon. Visibility poor or very poor at times at height, but good or very good in the afternoon, except in any summit cloud.

Temperature: **Valleys:** Plus 4 rising to 8 Celsius
At 800m: Zero to plus 2 Celsius
Freezing level: 800 to 1000m.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 6 February 2023. Location: Helvellyn summit at 11:40. Full report: The vast majority of the Lakeland fells and paths up to, and including, summit level are clear of snow and ice with many paths actually being dry. Owing to the overnight frost, there were patches of ice on paths where they cross drainage lines although these were thawing at lower elevations. At higher elevations, where the ground was moist owing to the low cloud, there were isolated patches of verglas (thin ice) on rocks, although this was the exception rather than the rule. The only snow that remains is located above 850m in isolated spots and hollows, with the majority now above 900m, on north and east facing aspects. All such snow was rock hard and icy although it is generally easily avoided and of little concern to walkers. Probably the only snow remaining on paths in the Lakes is on the exits to both Striding and especially Swirral Edges. However, these snow patches can now be avoided by exiting Striding Edge slightly to the south and Swirral Edge marginally to the north of the snow bank – although this is steep. Small cornices (snow overhangs) exist above steep north and east facing aspects – such as along Helvellyn's summit plateau - with some having already collapsed so please simply keep off the snow along any such edges and advise those with less experience to do likewise. There was quite a contrast today between the calm valleys and the biting windchill (what the temperature actually feels like) on the summit (minus 10 degrees C around midday) which quickly chilled those who had elected to ascend the fells not carrying a rucksack. Hence full winter clothing (waterproofs, extra warm layers, hat and gloves), mountain boots and equipment including a torch, map and compass are all essential to safely – and enjoyably - roam the fells. Temperature: minus 0.7 C, Maximum wind speed 30.3 mph, Wind chill: minus 10.3 C, Average wind speed: 27.5 mph

Issued at: 02:45 on Tue 07 Feb 2023

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